



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

LAKE ERIE

LEZ444	Mi Waters Of Lake Erie								
Luna Pier	09	1415EST			0	0			Marine Tstm Wind (MG57)
LEZ444	Mi Waters Of Lake Erie								
Luna Pier to Stony Point	14	1442EST			0	0			Marine Tstm Wind (EG54)

LAKE HURON

LHZ464	Lh Pt Sanilac To Pt Huron 5Nm Offshore To Intl Border								
Port Huron to Lexington	09	1320EST			0	0			Marine Hail (1.00)
LHZ443	Pt Sanilac To Pt Huron Mi								
Port Huron to Lexington	09	1320EST			0	0			Marine Hail (1.00)
LHZ422	Inner Saginaw Bay & Sw Of Pt Au Gres To Bay Port Mi								
Pinconning to Bay Port	13	1504EST			0	0			Marine Hail (1.75)
LHZ421	Outer Saginaw Bay & Sw Of Alabaster To Pt Austin Mi								
Bay Port	13	1504EST			0	0			Marine Hail (1.75)
LHZ422	Inner Saginaw Bay & Sw Of Pt Au Gres To Bay Port Mi								
Sebewaing to Bay Port	13	1602EST			0	0			Marine Tstm Wind (EG52)
LHZ421	Outer Saginaw Bay & Sw Of Alabaster To Pt Austin Mi								
Bay Port to Caseville	13	1602EST			0	0			Marine Tstm Wind (EG52)
LHZ462	Lh Pt Austin To Hbr Beach Mi 5Nm Offshore To Intl Border								
Port Austin to Harbor Beach	13	1630EST			0	0			Marine Hail (2.00)
LHZ441	Pt Austin To Hbr Beach Mi								
Port Austin to Harbor Beach	13	1630EST			0	0			Marine Hail (2.00)
LHZ422	Inner Saginaw Bay & Sw Of Pt Au Gres To Bay Port Mi								
Saginaw River Mouth to Bay Port	13	1711EST			0	0			Marine Tstm Wind (MG50)
LHZ421	Outer Saginaw Bay & Sw Of Alabaster To Pt Austin Mi								
Bay Port	13	1711EST			0	0			Marine Tstm Wind (MG50)
LHZ462	Lh Pt Austin To Hbr Beach Mi 5Nm Offshore To Intl Border								
Port Austin to Harbor Beach	13	1845EST			0	0			Marine Tstm Wind (MG41)
LHZ441	Pt Austin To Hbr Beach Mi								
Port Austin to Harbor Beach	13	1845EST			0	0			Marine Tstm Wind (MG41)
LHZ464	Lh Pt Sanilac To Pt Huron 5Nm Offshore To Intl Border								
Port Huron	14	1535EST			0	0			Marine Tstm Wind (EG39)
LHZ443	Pt Sanilac To Pt Huron Mi								
Port Huron	14	1535EST			0	0			Marine Tstm Wind (EG39)
LHZ422	Inner Saginaw Bay & Sw Of Pt Au Gres To Bay Port Mi								
Pinconning to Point Au Gres	14	1815EST 1900EST			0	0			Waterspout
LHZ421	Outer Saginaw Bay & Sw Of Alabaster To Pt Austin Mi								
Point Au Gres to Alabaster	14	1818EST			0	0			Waterspout



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LAKE ST CLAIR

LCZ460	Lake St Clair (U.S. Portion)							
St. Clair Shores to New Baltimore	09	1330EST			0	0		Marine Tstm Wind (EG52)
LCZ422	St Clair River							
Port Huron	09	1340EST			0	0		Marine Tstm Wind (EG52)
LCZ423	Detroit River							
Grosse Ile to Detroit River Light	09	1410EST			0	0		Marine Tstm Wind (EG52)
LCZ460	Lake St Clair (U.S. Portion)							
St. Clair Shores to New Baltimore	13	1950EST			0	0		Marine Tstm Wind (EG35)
LCZ422	St Clair River							
Algonac to City Of St. Clair	13	1950EST			0	0		Marine Tstm Wind (EG35)
LCZ423	Detroit River							
Belle Isle to Detroit River Light	14	1509EST			0	0		Marine Tstm Wind (EG50)
LCZ460	Lake St Clair (U.S. Portion)							
Metropolitan Beach	14	1520EST			0	0		Marine Tstm Wind (EG50)
LCZ422	St Clair River							
Marine City	14	1540EST			0	0		Marine Tstm Wind (EG39)

MICHIGAN, East

MIZ068	Livingston							
	01	0000EST			0	0		Flood
	08	1730EST						
The Huron River at Hamburg, which went above flood stage and crested in May, went below flood stage at 530 pm EST on the 8th.								
Oakland County								
Holly	09	1211EST			0	0		Hail(0.75)
Tuscola County								
1 S Watrousville	09	1212EST			0	0		Hail(0.75)
Oakland County								
Holly	09	1213EST			0	0		Hail(1.00)
A trained weather spotter estimated a 60 mph thunderstorm wind gust as well.								
Tuscola County								
1 NE Millington	09	1217EST			0	0		Thunderstorm Wind (EG52)
Several small trees were reported blown down								
Lapeer County								
North Branch	09	1232EST			0	0		Thunderstorm Wind (EG52)
Power lines were reported blown down along M-90.								
Oakland County								
Lake Orion	09	1250EST			0	0		Thunderstorm Wind (EG52)
A trained spotter reported numerous branches blown down.								
Washtenaw County								
3 W Chelsea	09	1259EST			0	0		Thunderstorm Wind (EG52)
A trained weather spotter estimated a 60 mph thunderstorm wind gust.								
Oakland County								
Goodison	09	1300EST			0	0		Thunderstorm Wind (EG52)
Several trees limbs and trees were reported blown down.								



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<u>MICHIGAN, East</u>									
Oakland County									
Rochester Hills	09	1300EST			0	0			Thunderstorm Wind (EG52)
			A trained spotter estimated a 60 mph thunderstorm wind gust.						
Livingston County									
Cohoctah	09	1307EST			0	0			Thunderstorm Wind (EG50)
			A trained weather spotter reported 6 inch tree limbs and small trees down.						
Macomb County									
Romeo	09	1310EST			0	0			Thunderstorm Wind (EG52)
			A trained spotter reported a tree blown down on a house.						
Sanilac County									
Brown City	09	1312EST			0	0			Thunderstorm Wind (EG56)
			A trained spotter reported tree branches blown down.						
Oakland County									
Troy	09	1320EST			0	0			Thunderstorm Wind (EG56)
			A trained spotter estimated a 65 mph thunderstorm wind gust.						
Sanilac County									
Melvin	09	1320EST			0	0			Hail(1.00)
Washtenaw County									
2 N Saline	09	1320EST			0	0			Thunderstorm Wind (EG56)
			A trained spotter reported tree limbs down.						
Macomb County									
5 E Sterling Hgts	09	1330EST			0	0			Thunderstorm Wind (EG52)
			A tree was reported blown down on a shed.						
Genesee County									
Argentine	09	1334EST			0	0			Thunderstorm Wind (EG54)
			A trained spotter reported large tree limbs down.						
Washtenaw County									
Milan	09	1334EST			0	0			Hail(0.75)
St. Clair County									
Port Huron	09	1340EST			0	0			Thunderstorm Wind (EG52)
			A large tree fell over utility lines near 10th Avenue and Hancock Street. Power was knocked out to area neighborhoods and some traffic signals.						
Genesee County									
Flint	09	1400EST			0	0			Thunderstorm Wind (EG52)
			A trained weather spotter estimated a 60 mph thunderstorm wind gust.						
Genesee County									
Montrose	09	1400EST			0	0			Thunderstorm Wind (EG54)
			Trees and power lines were reported blown down.						
Genesee County									
Burton	09	1405EST			0	0			Thunderstorm Wind (EG54)
			A telephone pole was snapped at the base.						
Genesee County									
4 E Mt Morris	09	1405EST			0	0			Thunderstorm Wind (EG61)
			A trained weather spotter estimated a 70 mph thunderstorm wind gust.						
Oakland County									
Ferndale	09	1406EST			0	0			Thunderstorm Wind (EG52)
			A trained spotter reported tree branches down.						
Wayne County									
Dearborn Hgts	09	1410EST			0	0			Thunderstorm Wind (EG52)
			Small trees were reported blown down.						



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MICHIGAN, East

Macomb County

1 E Warren	09	1412EST			0	0			Thunderstorm Wind (EG52)
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A trained weather spotter estimated a 60 mph thunderstorm wind gust.

Monroe County

Luna Pier	09	1415EST			0	0			Thunderstorm Wind (MG57)
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Saginaw County

Layton Corners	09	1540EST			0	0			Hail(1.00)
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Shiawassee County

New Lothrop	09	1550EST			0	0			Thunderstorm Wind (EG52)
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A trained weather spotter estimated a 60 mph thunderstorm wind gust.

Oakland County

Wixom	09	1751EST			0	0			Thunderstorm Wind (EG54)
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Large trees were reported blown down.

A cold front moved into a very unstable airmass over southeast Michigan during the afternoon hours of the 9th. A couple of supercells were able to form along the cold front as the storm motion was toward the east and along the west-to-east oriented boundary. Damaging wind turned out to be the main hazard, even in the weaker storms, as mid level dry air aided in storm downdrafts.

MIZ068

Livingston

11	0945EST				0	0			Flood
21	0315EST								

The Huron River at Hamburg went above it 6.5 foot flood stage at 945 am EST on the 11th. The river crested at 7.0 feet at 230 pm EST on the 16th, then fell below flood stage at 315 am EST on the 21st.

Midland County

Gordonville	13	1422EST			0	0			Hail(1.75)
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Midland County

Gordonville	13	1425EST			0	0			Hail(1.00)
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Midland County

Midland	13	1440EST			0	0			Hail(1.75)
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Midland County

1 SE Midland	13	1442EST			0	0			Hail(0.88)
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Midland County

1 SE Midland	13	1442EST			0	0			Thunderstorm Wind (EG54)
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Several trees were reported blown down.

Midland County

1 NE Midland to 1 E Midland	13	1445EST			0	0			Hail(1.00)
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Bay County

2 SW Auburn to 1 SE Auburn	13	1450EST 1455EST	3	100	0	0	10K		Tornado (F0)
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A weak tornado touched down near 11 mile and Salzburg Road, tracking east-northeast. The tornado lifted near 8 mile. Trees and power lines were blown down. A camper was also overturned.

Bay County

Kawkawlin	13	1504EST			0	0			Hail(1.75)
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Huron County

Pigeon	13	1602EST			0	0			Thunderstorm Wind (EG52)
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Two trees were reported blown down.



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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	
<u>MICHIGAN, East</u>								
Huron County 3 NE Elkton	13	1615EST			0	0		Hail(1.00)
Huron County 1 SW Elkton	13	1615EST			0	0		Thunderstorm Wind (EG50)
A trained spotter reported 4 inch diameter tree limbs down.								
Huron County 2 W Bad Axe	13	1628EST			0	0		Hail(0.75)
Huron County Bad Axe	13	1630EST			0	0		Hail(2.00)
Huron County 3 W Harbor Beach to 1 W Harbor Beach	13	1700EST 1705EST	2	200	0	0	25K	Tornado (F1)
A tornado tracked near Rapson Road from Minden to Klug Roads. Widespread tree damage was reported, along with minor property damage. One property alone along Rapson Road lost 44 trees, many of which were more than 100 years old and very large. Outbuildings were moved off their foundations, with a portion of a metal roof on a barn torn off.								
Saginaw County (Mbs)Tri City Apt Sa	13	1711EST			0	0		Thunderstorm Wind (MG50)
Bay County Bay City	13	1730EST			0	0		Thunderstorm Wind (EG52)
A trained weather spotter reported large tree limbs down.								
Tuscola County Cass City	13	1825EST			0	0		Thunderstorm Wind (EG50)
A trained weather spotter estimated a 58 mph thunderstorm wind gust.								
Tuscola County 1 SW East Dayton	13	1825EST			0	0		Thunderstorm Wind (EG52)
A trained weather spotter reported 5 inch diameter tree limbs blown down.								
The front that moved through our area on Wednesday June 9th maintained its identity and began to move north as a warm front during the afternoon of the 13th. The first cell of the day became a long-lived supercell. This storm moved through the Midland and Bay City areas, over the south end of Saginaw Bay, and into Huron county before moving out over the open waters of Lake Huron. Later in the afternoon and during the evening a nearly solid line of storms developed along a north-south surface trough over western lower Michigan. These storms developed bowing characteristics as they moved into southeast Michigan and generated some straight-line wind damage. The Midland Fire Department called out two extra crews to answer about 30 storm-related calls of downed wires, broken utility poles and fallen trees. At least two trees crashed into homes.								
Livingston County Cohoctah	14	1332EST 1334EST			0	0		Hail(0.88)
Genesee County Fenton	14	1354EST			0	0		Thunderstorm Wind (EG52)
A trained weather spotter reported 2 to 8 inch diameter tree limbs down.								
Genesee County Linden	14	1355EST			0	0		Hail(0.88)
Genesee County Fenton	14	1400EST			0	0		Thunderstorm Wind (EG52)
An 18 inch and 2 foot diameter tree were blown down.								



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					Killed	Injured	Property Crops		
<u>MICHIGAN, East</u>									
Genesee County									
Fenton	14	1403EST			0	0		Hail(0.88)	
Genesee County									
Burton	14	1404EST			0	0		Hail(0.75)	
Genesee County									
Fenton	14	1405EST			0	0		Hail(1.00)	
Washtenaw County									
Chelsea	14	1409EST			0	0		Thunderstorm Wind (EG54)	
		Three foot diameter trees were reported blown down.							
Oakland County									
Holly	14	1410EST			0	0		Hail(1.00)	
Washtenaw County									
Manchester	14	1410EST			0	0		Thunderstorm Wind (EG52)	
		Trees and power lines were reported blown down.							
Oakland County									
Holly	14	1415EST			0	0		Thunderstorm Wind (EG50)	
		Tree limbs were reported blown down.							
Oakland County									
Ortonville	14	1420EST			0	0		Thunderstorm Wind (EG54)	
		Large trees were reported blown down.							
Lenawee County									
Deerfield	14	1425EST			0	0		Thunderstorm Wind (EG52)	
		A trained weather spotter reported 6 inch diameter tree limbs down.							
Washtenaw County									
2 N Saline	14	1425EST			0	0		Thunderstorm Wind (MG62)	
Washtenaw County									
4 N Milan	14	1431EST			0	0		Thunderstorm Wind (EG52)	
		Two foot diameter trees were reported blown down.							
Monroe County									
Temperance	14	1440EST			0	0		Thunderstorm Wind (EG52)	
		Large tree limbs were reported blown down.							
Monroe County									
Bolles Harbor	14	1442EST			0	0		Thunderstorm Wind (EG54)	
		A 14 inch diameter tree and large tree limbs were reported blown down.							
Monroe County									
2 W Monroe	14	1445EST			0	0		Thunderstorm Wind (EG52)	
		The emergency manager estimated a 60 mph thunderstorm wind gust.							
Wayne County									
Sumpter	14	1445EST			0	0		Thunderstorm Wind (MG54)	
		Large tree limbs were reported blown down.							
Oakland County									
Ferndale	14	1500EST			0	0		Thunderstorm Wind (EG52)	
		Power lines were reported down.							
Wayne County									
Lincoln Park	14	1504EST			0	0		Thunderstorm Wind (EG50)	
		Four inch diameter tree limbs were reported down.							
Wayne County									
Wyandotte	14	1505EST			0	0		Thunderstorm Wind (EG50)	
		Four inch diameter tree limbs were reported down.							



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MICHIGAN, East

Wayne County

Grosse Pt	14	1509EST			0	0			Thunderstorm Wind (EG50)
Four inch diameter tree limbs were reported down.									

Macomb County

Disco	14	1510EST			0	0			Thunderstorm Wind (EG50)
Tree limbs were reported blown down.									

Macomb County

Washington	14	1510EST			0	0			Thunderstorm Wind (EG52)
A 12 inch diameter tree and tree limbs were reported down.									

Macomb County

1 W Mt Clemens	14	1515EST			0	0			Thunderstorm Wind (EG54)
Several large trees were reported blown down.									

Macomb County

1 NE Mt Clemens	14	1520EST			0	0			Thunderstorm Wind (EG52)
Tree limbs were reported blown down.									

An upper level disturbance moved in from northern Illinois, producing both hail and wind damage during the afternoon hours of the 14th across southeast Michigan.

Saginaw County

3 NW Oakley	23	2017EST			0	0			Hail(0.75)
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Saginaw County

Chesaning	23	2030EST			0	0			Hail(1.00)
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Shiawassee County

New Lothrop	23	2040EST			0	0			Hail(0.75)
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Genesee County

4 S Montrose	23	2047EST			0	0			Thunderstorm Wind (MG54)
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Genesee County

1 NE Flushing	23	2055EST			0	0			Hail(0.75)
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Genesee County

5 NE Flint	23	2104EST			0	0			Hail(0.88)
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A trained weather spotter also estimated a 62 mph thunderstorm wind gust.

Genesee County

4 N Burton	23	2110EST			0	0			Hail(0.88)
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A trained weather spotter also measured a 62 mph thunderstorm wind gust.

Lapeer County

6 W Lapeer	23	2135EST			0	0			Hail(0.75)
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Lapeer County

Imlay City	23	2155EST			0	0			Thunderstorm Wind (EG56)
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A trained weather spotter reported a small tree and 6 inch tree limbs down.

Max temperatures in the lower 90s coupled with surface dew points in the mid 70s lead to an very unstable airmass over southeast Michigan. Thunderstorms developed during the afternoon hours of the 23rd, producing mainly hail